2. Reference Information

2-1 Tables of Abbreviations and Acronyms

Table 2-1 Abbreviations

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	MΩ	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	µA	Microampere
		µF	Microfarad
°C	Degree Celsius	µH	Microhenry
°F	Degree Fahrenheit	µm	Micrometer
°K	degree Kelvin	µs	Microsecond
F	Farad	µW	Microwatt
G	Gauss	mA	Milliampere
GHz	Gigahertz	mg	Milligram
g	Gram	mH	Millihenry
H	Henry	ml	Milliliter
Hz	Hertz	mm	Millimeter
h	Hour	ms	Millisecond
ips	Inches Per Second	mV	Millivolt
kWh	Kilowatt-hour	nF	Nanofarad
kg	Kilogram	Ω	Ohm
kHz	Kilohertz	pF	Picofarad
kΩ	Kilohm	lb	Pound
km	Kilometer	rpm	Revolutions Per Minute
km/h	Kilometer Per Hour	rps	Revolutions Per Second
kV	Kilovolt	s	Second (Time)
kVA	Kilovolt-ampere	V	Volt
kW	Kilowatt	VA	Volt-ampere
l	Liter	W	Watt
MHz	Megahertz	Wh	Watt-hour

Table 2-2 Table of Acronyms

ABL	Automatic Brightness Limiter
AC	Alternating Current
ACC	Automatic Chroma Control
AF	Audio Frequency
AFC	Automatic Frequency Control
AFT	Automatic Fine Tuning
AGC	Automatic Gain Control
AM	Amplitude Modulation
ANSI	American National Standards Institute
APC	Automatic Phase Control
APC	Automatic Picture Control
A/V	Audio-Video
AVC	Automatic Volume Control
BAL	Balance
BPF	Bandpass Filter
B-Y	Blue-Y
CATV	Community Antenna Television (Cable TV)
CB	Citizens Band
CCD	Charge Coupled Device
CCTV	Closed Circuit Television
Ch	Channel
CRT	Cathode Ray Tube
CW	Continuous Wave
DC	Direct Current
DVM	Digital Volt Meter
EIA	Electronics Industries Association
ESD	Electrostatic Discharge
ESD	Electrostatically Sensitive Device
FBP	Feedback Pulse
FBT	Flyback Transformer
FF	Flip-Flop
FM	Frequency Modulation
FS	Fail Safe
GND	Ground
G-Y	Green-Y
H	High
HF	High-Frequency
HI-FI	High Fidelity
IC	Inductance-Capacitance
IC	Integrated Circuit
IF	Intermediate Frequency
I/O	Input/output
L	Left
L	Low
LED	Light Emitting Diode
LF	Low Frequency
MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
MTS	Multi-channel Television Sound
NAB	National Association of Broadcasters
NEC	National Electric Code
NTSC	National Television Systems Committee
OSD	On Screen Display
PCB	Printed Circuit Board
PLL	Phase-Locked Loop
PWM	Pulse Width Modulation
QIF	Quadrature Intermediate Frequency
R	Right
RC	Resistor & Capacitor
RF	Radio Frequency
R-Y	Red-Y
SAP	Second Audio Program
SAW	Surface Acoustic Wave(Filter)
SIF	Sound Intermediate Frequency
SMPS	Switching Mode Power Supply
S/N	Signal/Noise
SW	Switch
TP	Test Point
TTL	Transistor Transistor Logic
TV	Television
UHF	Ultra High Frequency
UL	Underwriters Laboratories
UV	Ultraviolet
VCD	Variable-Capacitance Diode
VCO	Voltage Controlled Oscillator
VCXO	Voltage Controlled Crystal Oscillator
VHF	Very High Frequency
VIF	Video Intermediate Frequency
VR	Variable Resistor
VTR	Video Tape Recorder
VTVM	Vacuum Tube Voltmeter
TR	Transistor

2-2 IC Line Up

Table 2 - 3 IC Line - Up

LOC. NO	DESCRIPTION	SPEC	REMARK
D407	FMP-3FU, 1.5KV, 5A, TO-3PF, ST	DIODE-RECTIFIER	OPTION
D801S	D5SB60, 600V, 6A, SIP-4	DIODE-BRIDGE	
D803	FMG-G2CS, 1000V, 3A, TO-220F, ST	DIODE-RECTIFIER	
D805	BRIDGE, A62-00045A, D06U20S, DREAM	ASSY H/S	
HC101	PAP103T, STP, 6P, PRE-AMP, TP	IC HYBRID	OPTION
IC201S	TDA959XPS/N1/3I, OTP, 64P, ST, SDIP	IC MICOM	OPTION
IC202	C81DC, 1028x8Bit, 8P, 100mS, 5V, PLASTIC, 10uA, CMOS	IC-EEPROM	OPTION
IC301	POWER, AA62-00056A, LA7845	ASSY H/S	
IC501	VIDEO, AA62-30175D, TDA607Q	ASSY H/S	
IC601	TDA7297, AA62-30182E	ASSY H/S	
IC602	MSP3410D-CS, SDIP, 52P, 8V, 1.2W, SOUND PROCESSOR	IC-SOUND PROCESSOR	OPTION
IC631	7042, TO-92, 3P, 177MIL, PLASTIC, 4	IC-VOL, DETECTOR	
IC701	NJM2246D, 3-INPUT, DIP, 8P, 300MIL	IC-VIDEO SWITCH	
IC801S	POWER, AA62-30181K, 5Q1265RT	ASSY H/S	
IC802	POWER, AA62-30184A, KA7632	ASSY H/S	
IC852	431, TO-92, 3P, 4.58MIL, PLASTIC, 2	IC-POSI.ADJUST REG.	
ICE01	393, DIP, 8P, 300MIL, DUAL, 36V, CMO	IC-VOTAGE COMP.	OPTION
PC801S	TR, 130-260%, 200mW, DIP-4, ST	PHOTO-COUPLER	
PT801S	4.50HM, +30/-20%, 220V, 290VAC, 21A, -, TR	THERMISTOR-PTC	
Q401	POWER AA62-00057A, KSD5703, WASHER-TR	ASSY H/S	
Q403	KSC2073-H2, NPN, 25W, TO-220, TP, 40-24	TR-POWER	OPTION
Q804	KA614, PNP, 25W, TO-220, TP, 40-24	TR-POWER	
QE01	IRF620, N, 200V, 5A, 0.8ohm, 50W, TO	FET-SILICON	OPTION
RL801S	12VDC, 500mW, 10A, 1FormA, 15mS, 5m	RELAY-POWER	OPTION
SF101S	38.9MHz, SIP5K, ST, 17.9dB, B/G, D/K, I, M/N	FILTER-SAW AV	OPTION
SF102S	38.9MHz, SIP5K, ST, 18dB, B/G, L/L', M/N, 42dB	FILTER-SAW AV	OPTION
SW801S	250V, 5A, DPST, -, JPW-2104B	SWITCH-PUSH	
T401	80mH, 520uH, E119	TRANS-HORIZ,DRIVE	OPTION
T444S	FUH-29A001B(S), 25/29", 130	TRANS FBT	OPTION
T801S	CS21S5T, 80~280V. PM5, PL5, EER4245, 470UH, 125/16/9	TRANS SWITCHING	OPTION
TU01S	TEDE9-203A, PAL, 181CH, 38.9MHz, 750ohm, DIN, ASYMM, 5V	TUNER	OPTION

Table 2-3-1 UOC

SPEC	FUNCTION	REMARK
TDA9592	50Hz, W/O TTX	
TDA9594	50Hz, With TTX 10page	

Table 2-3-2 SOUND IC

SPEC	FUNCTION	REMARK
MSP3400D	Multistandard, A2 Stereo, Equalizer, 2 Scart, RCA9P	
MSP3410D	Multistandard, A2 Stereo, Nicam, Equalizer, 2 Scart, RCA9P	

Table 2-3-3 SOUND AMP

SPEC	FUNCTION	REMARK
TDA7297	15W x 2CH, 10W x 2CH, 5W x 2CH	

Table 2-3-4 TUNER

SPEC	FUNCTION	REMARK
TECC0949PG35A	Without LNA	SAMSUNG
TEDE9-203A	Without LNA	LG
TAEL-G671D	With LNA	ALPS

Table 2-3-5 VIDEO OUTPUT AMP

SPEC	FUNCTION	REMARK
TDA6107Q	25" Normal 29" Normal	
TDA6108JF	21" Flat 25" Flat	